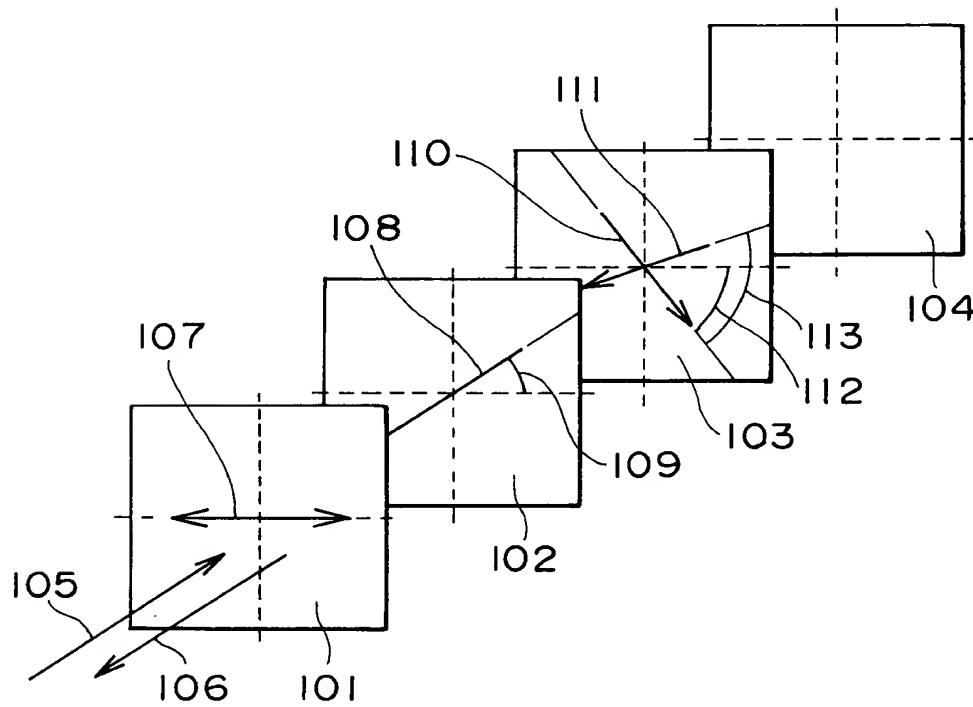


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 1



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FIG. 2

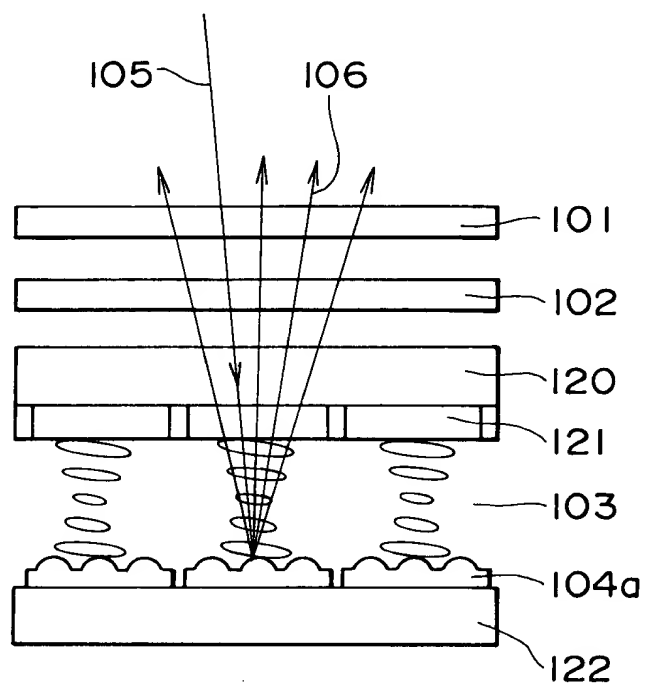
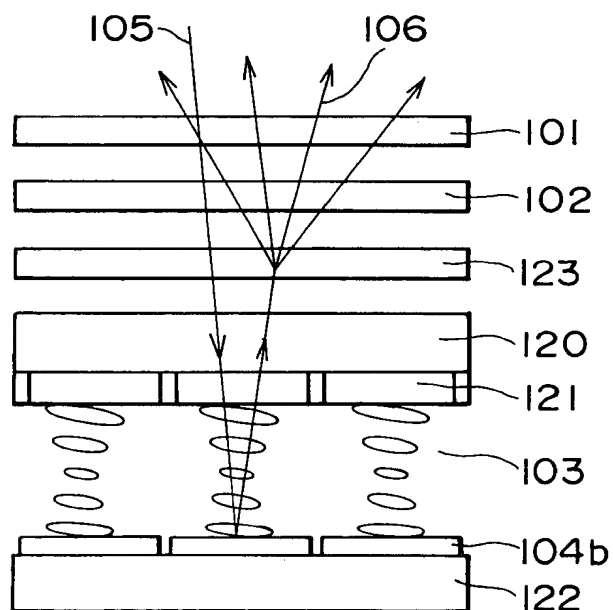
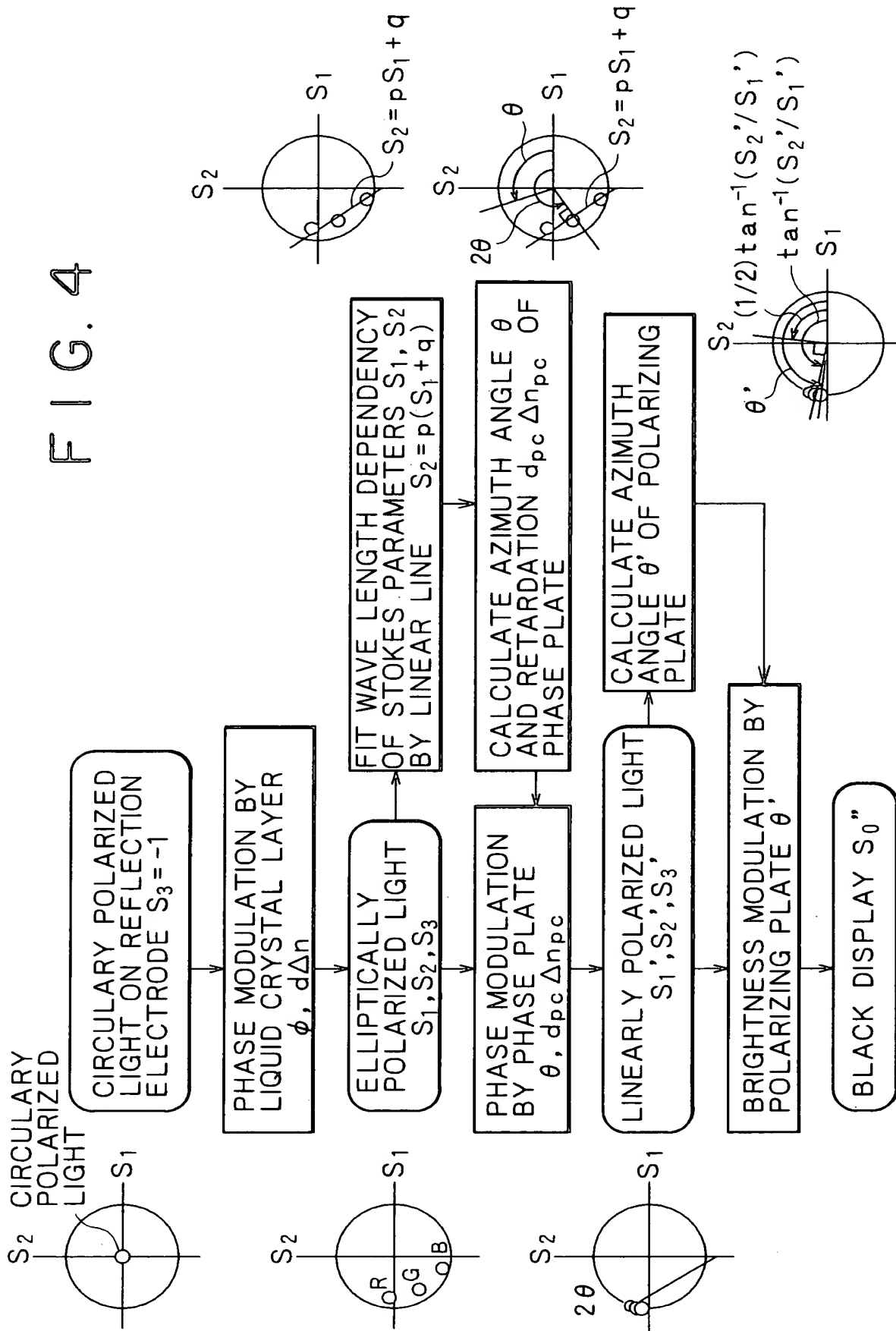


FIG. 3

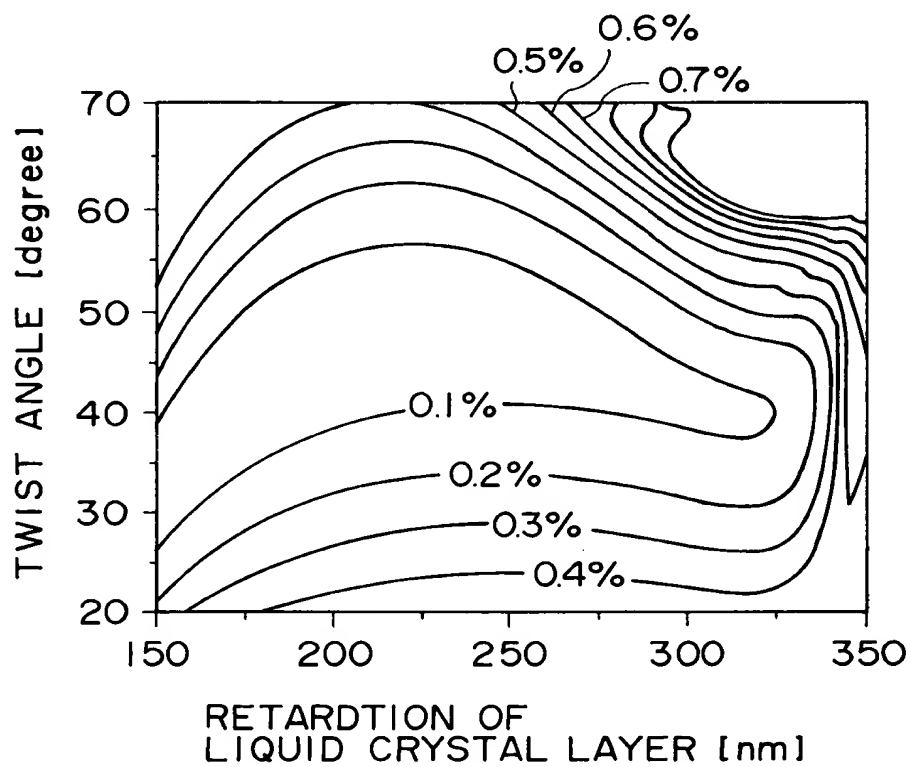


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APPROVED	O.G. FIG.	
BY	CLASS	REVISIONS
DRAFTSMAN		

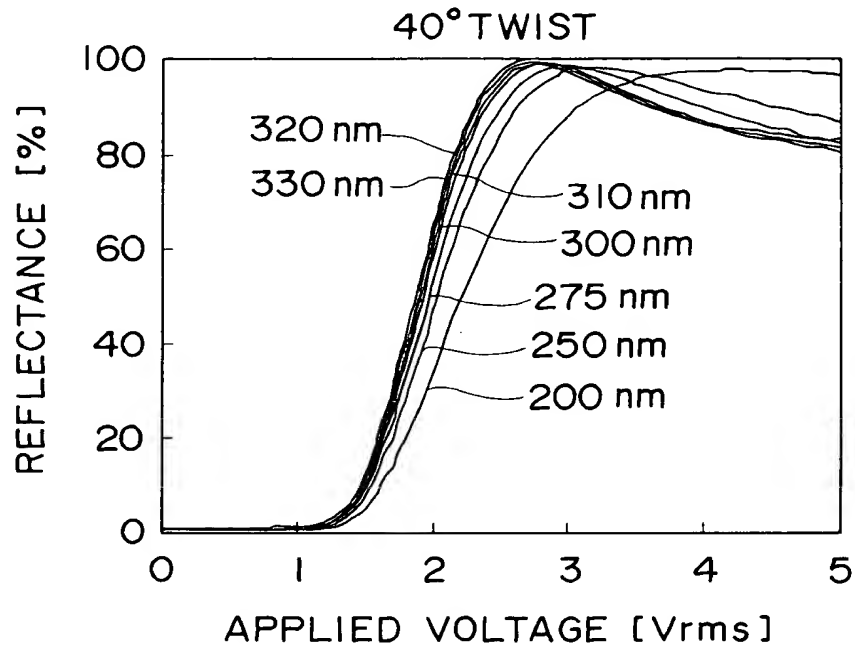
FIG. 5



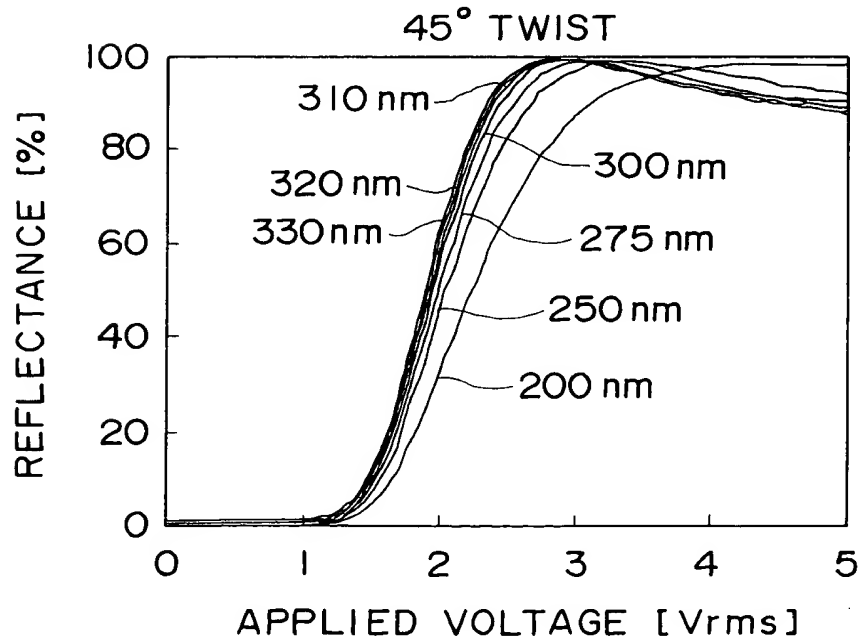
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APPROVED	O.G. FIG.	
BY	CLASS	SUBJECT
DRAFTSMAN		

# FIG. 6



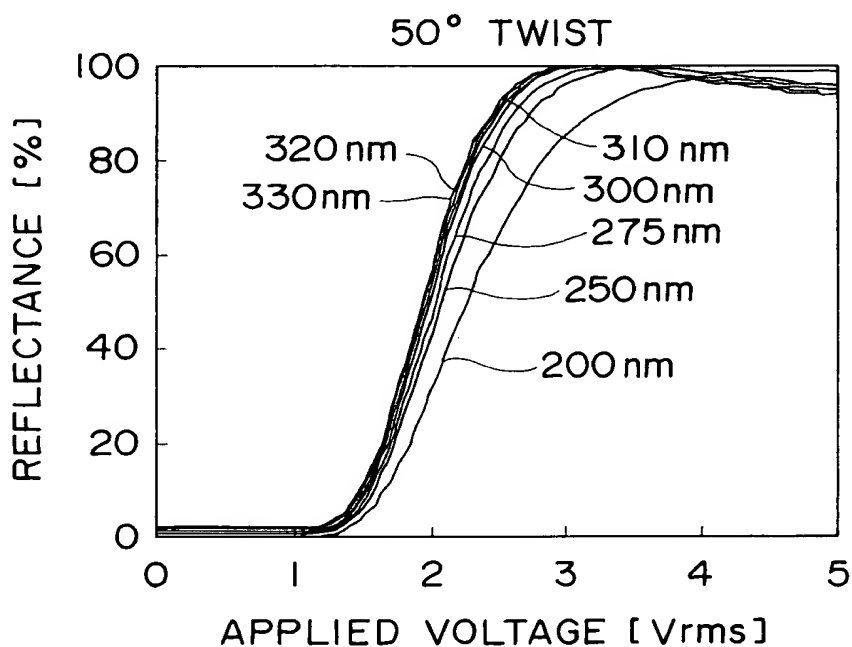
# FIG. 7



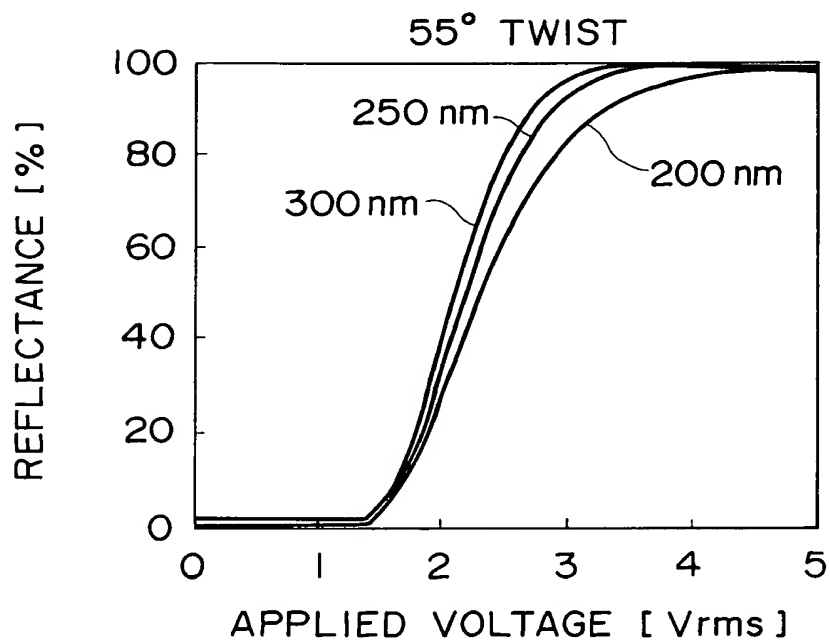
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APPROVED	O.G. FIG.	
BY	CLASS	DATE
DRAFTSMAN		

# FIG. 8



# FIG. 9

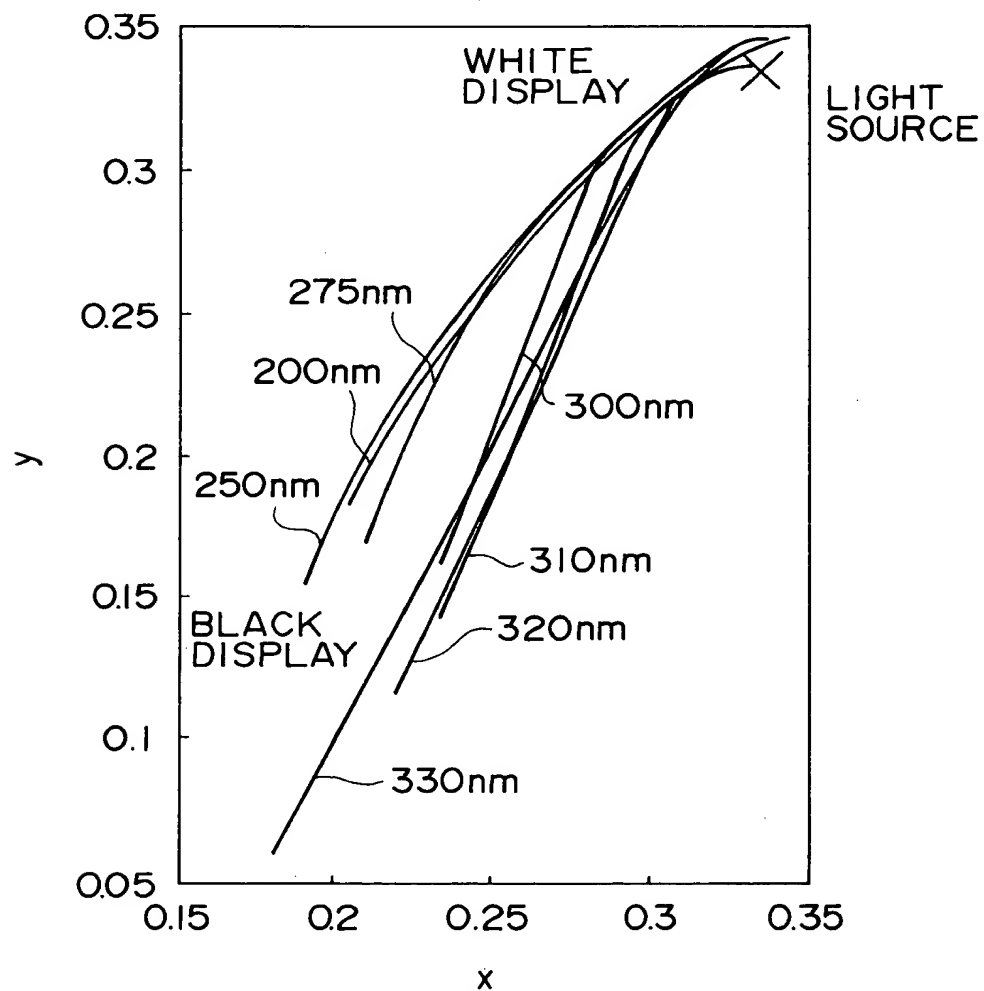


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BY	CLASS	CLASS
DRAFTSMAN		

# FIG. 10

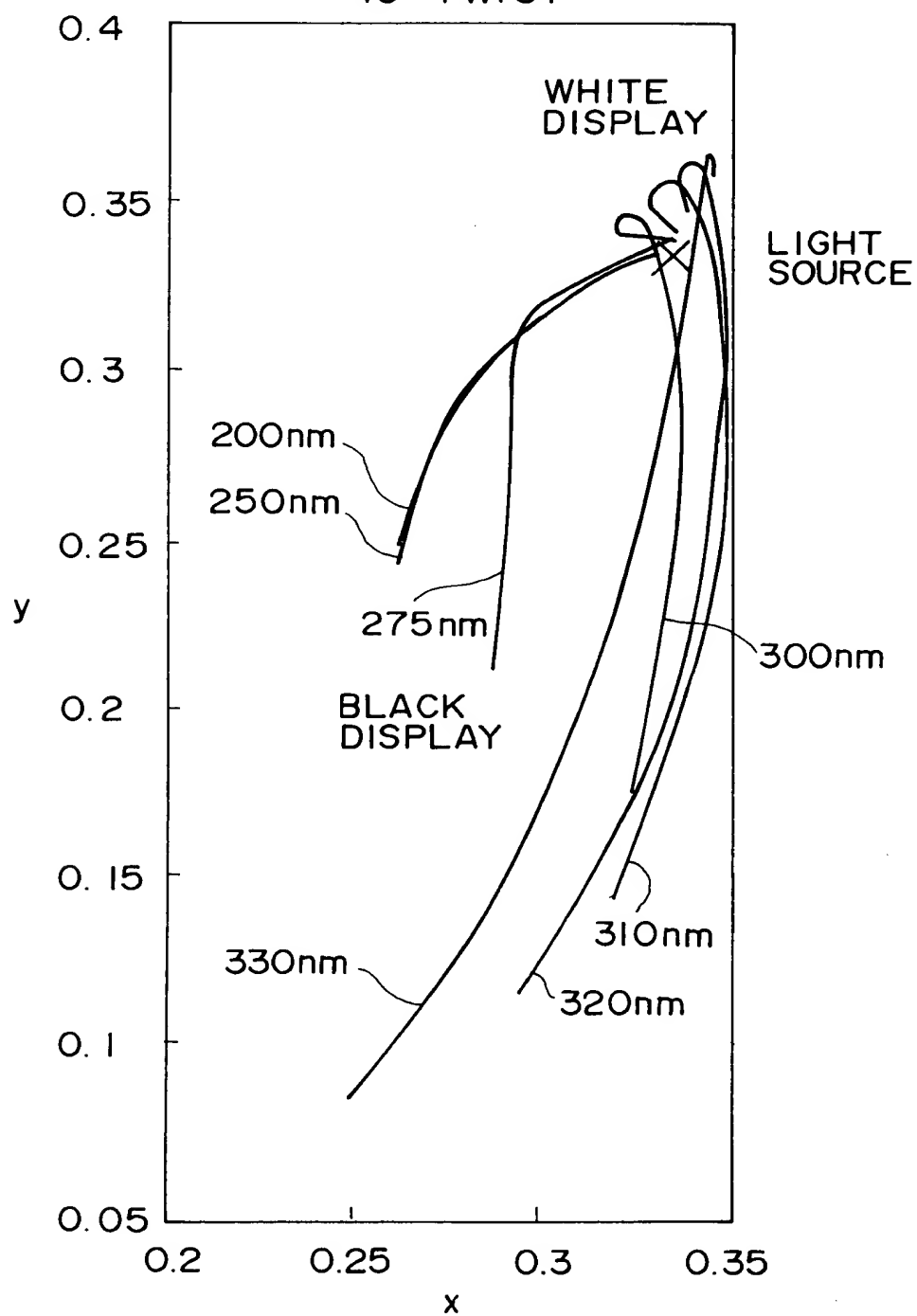
40° TWIST



APPROVED	O.G. FIG.	
BY	CLASS	DATE
DRAFTSMAN		

FIG. 11

45° TWIST

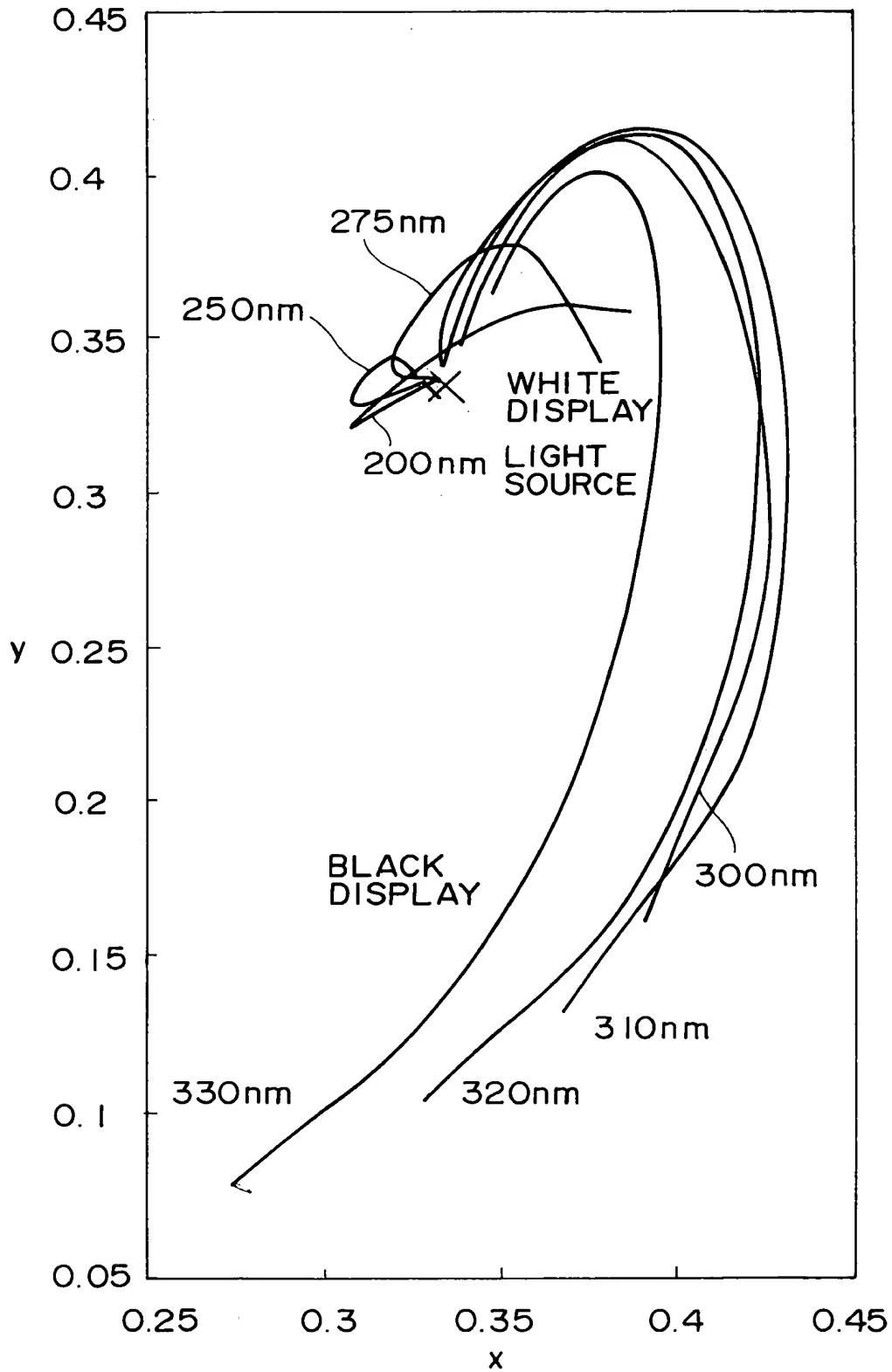


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# FIG. 12

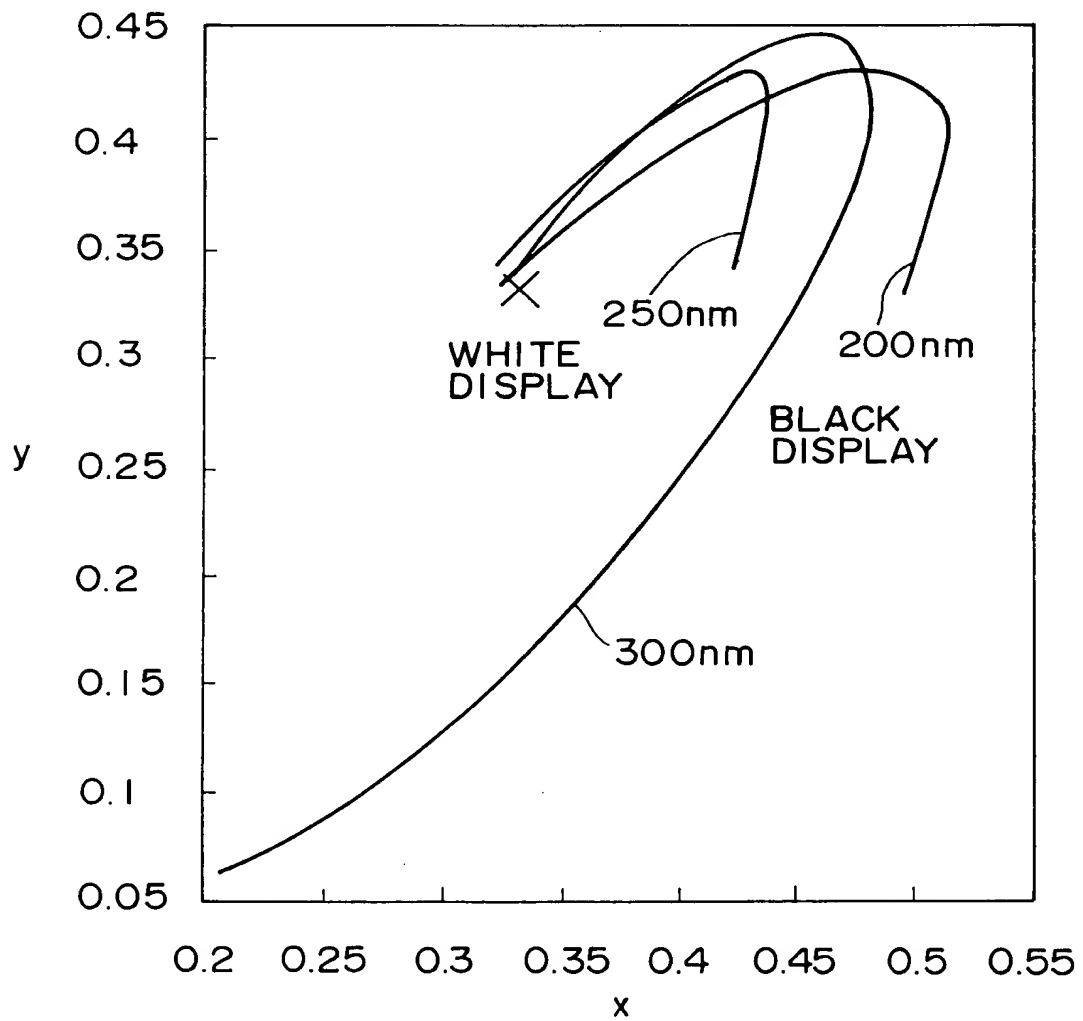
50° TWIST



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# FIG. 13

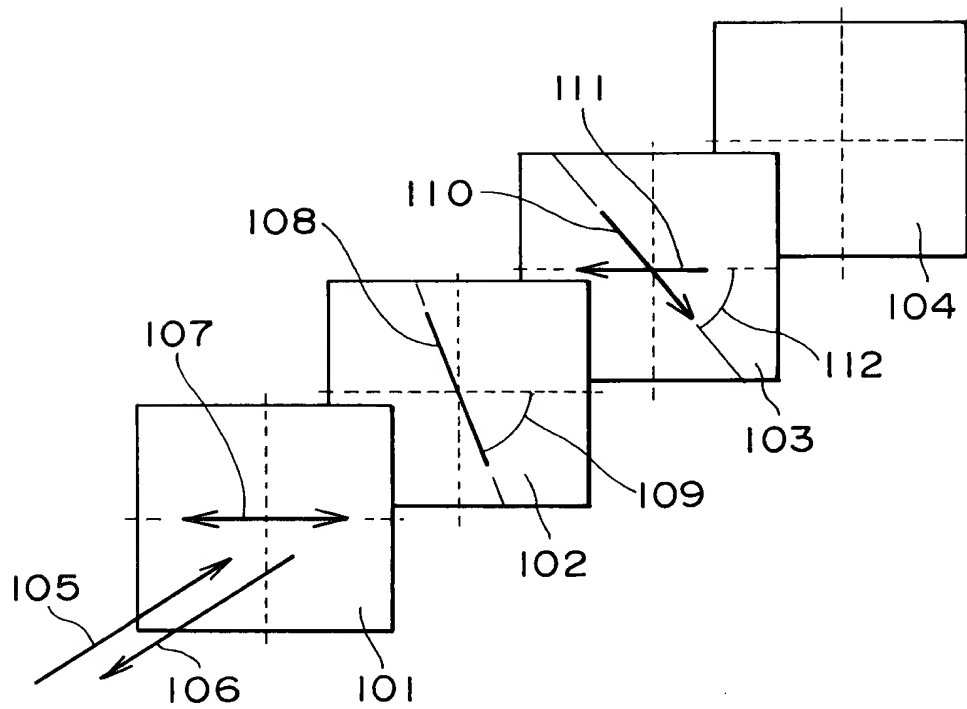
55° TWIST



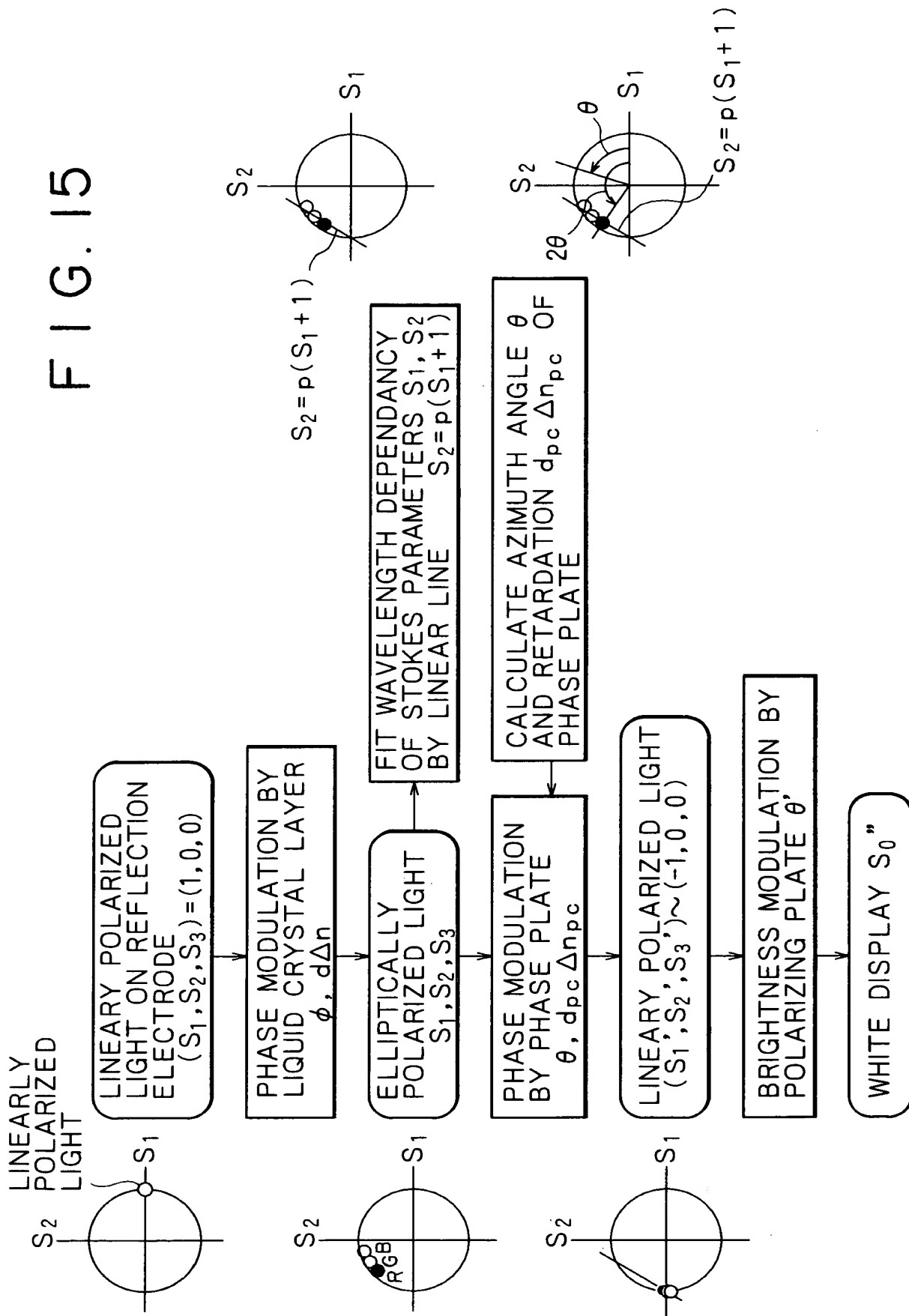
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BY	AL SS (MUN) 185
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FIG. 14

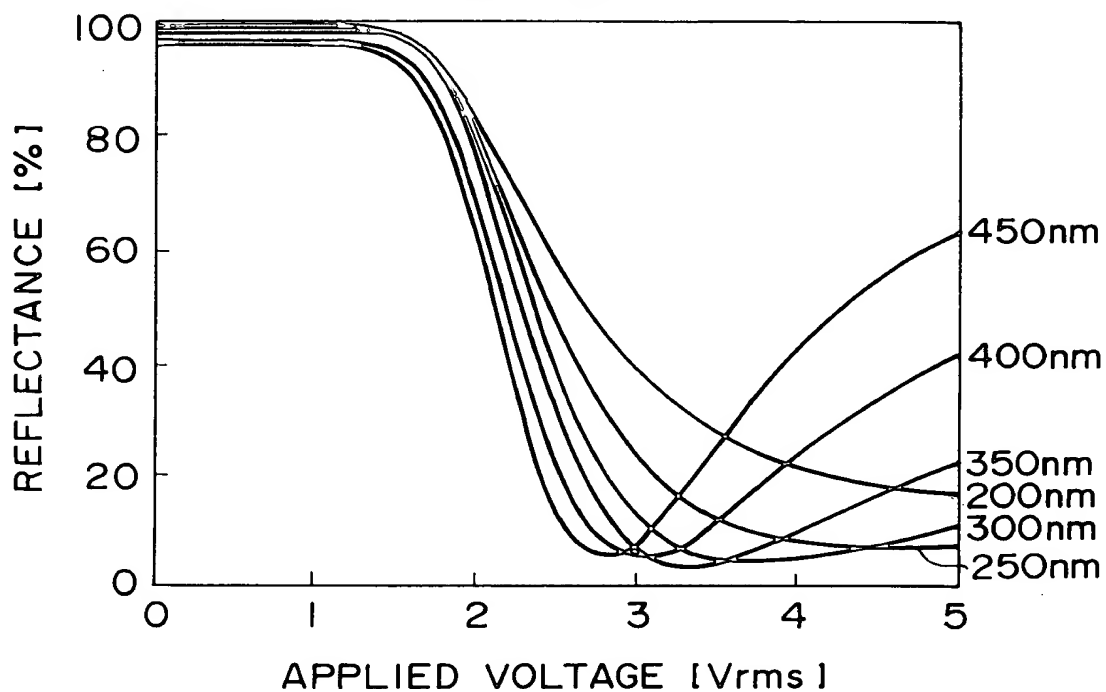


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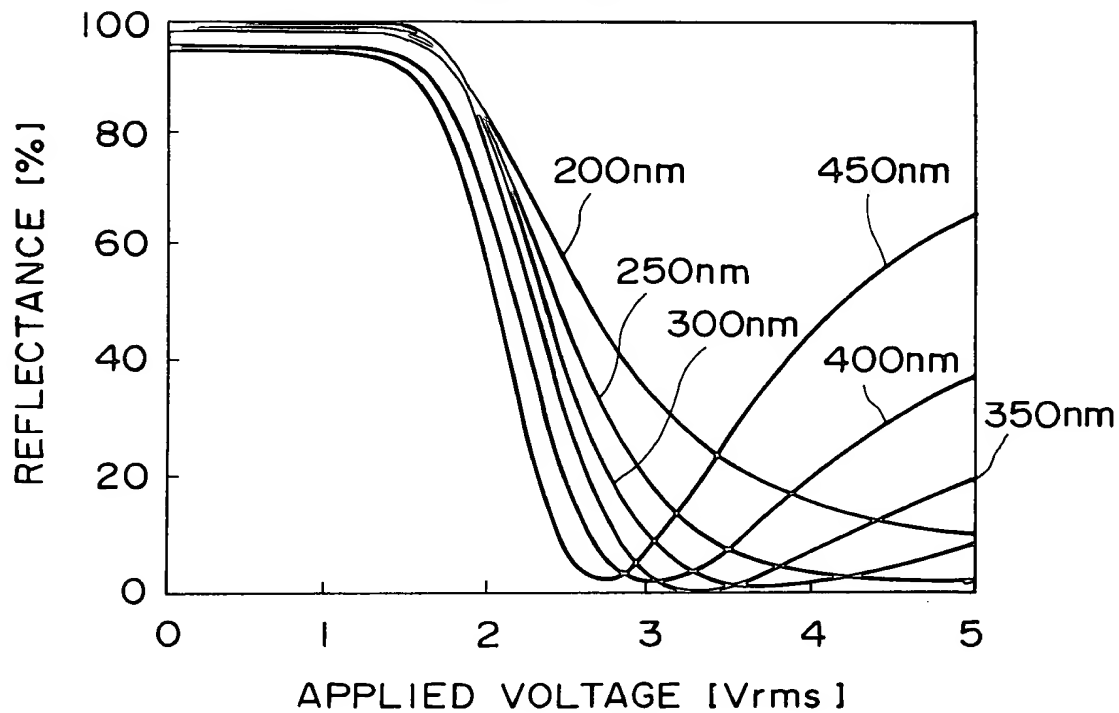
# FIG. 16

50° TWIST



# FIG. 17

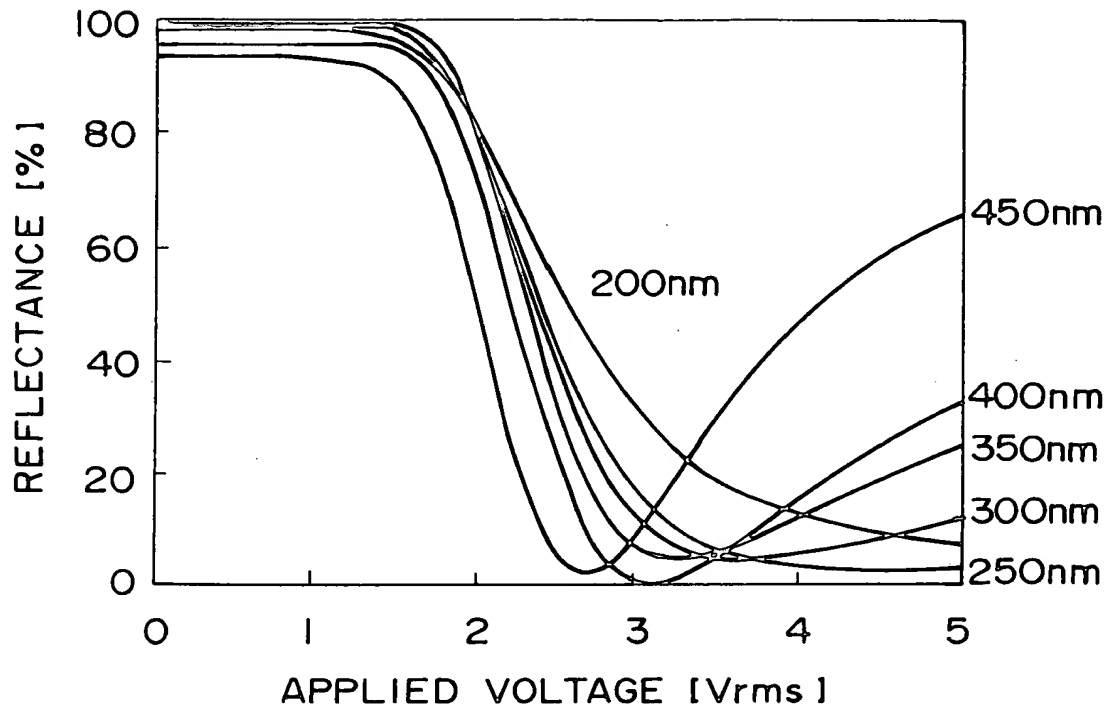
55° TWIST



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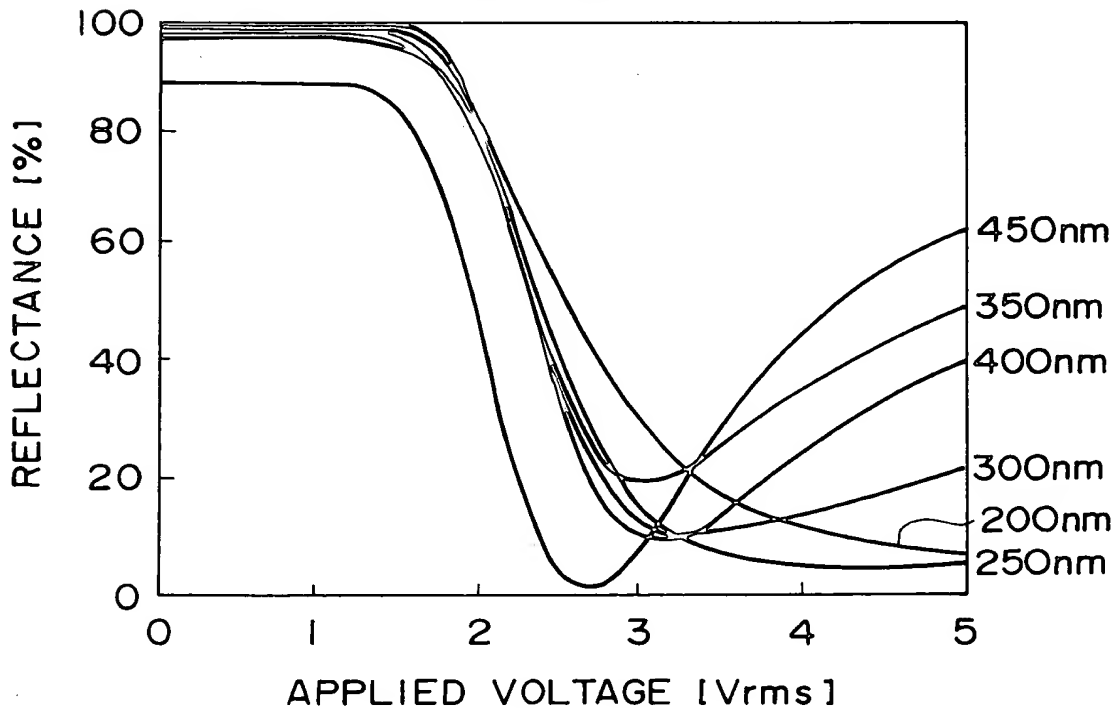
# FIG. 18

60° TWIST



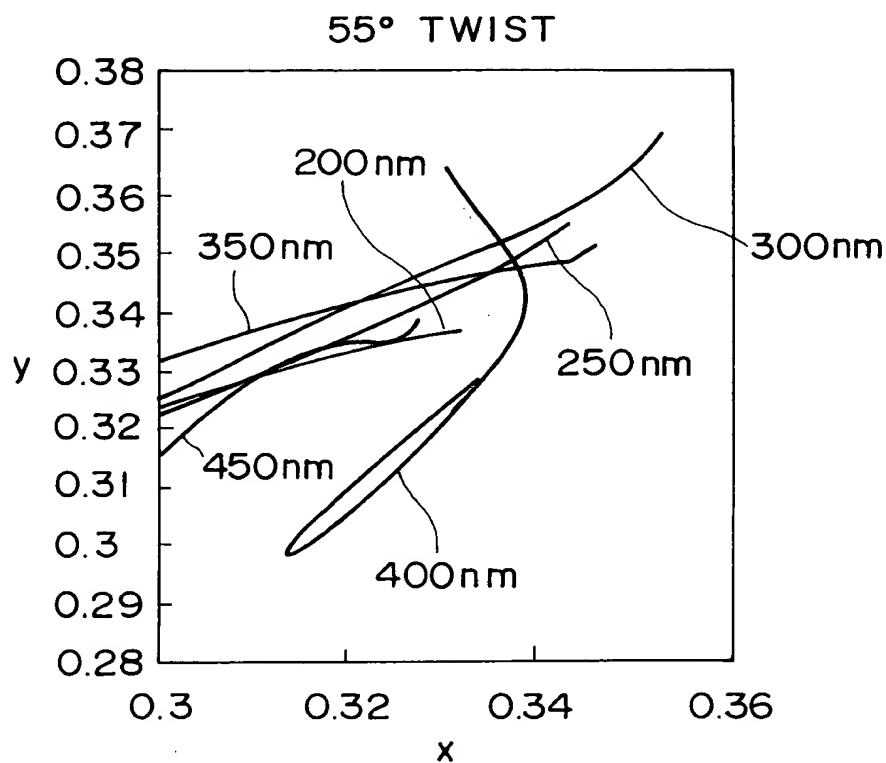
# FIG. 19

65° TWIST

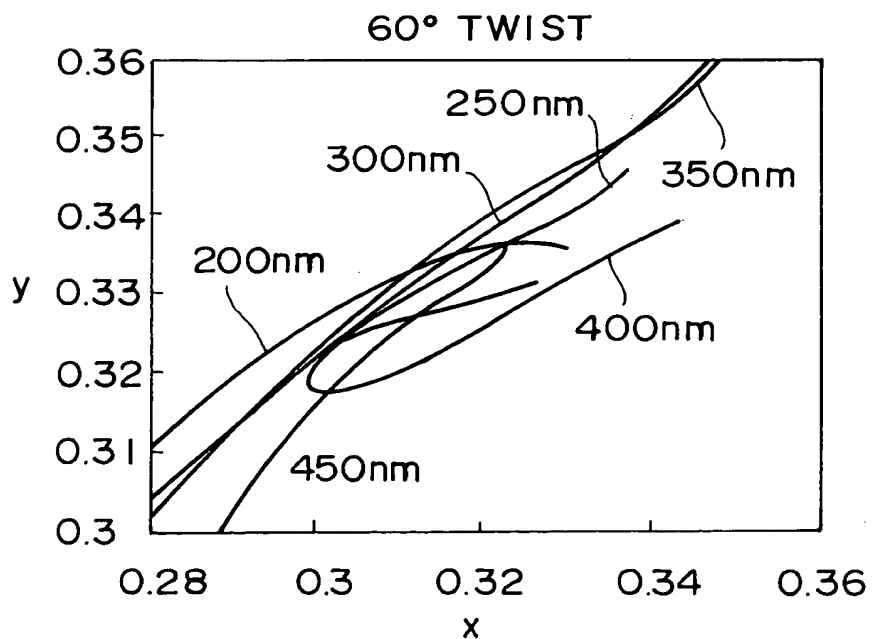


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# FIG. 20



# FIG. 21



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This diagram is a cross-sectional view of a semiconductor device. It shows a layered structure. At the top, there is a layer labeled 102. Below it is a large region labeled 120. Within region 120, there is a sub-region labeled 103 containing several small rectangular features. Below region 103 is a layer labeled 146. Below 146 is a complex, wavy structure labeled 153. Below 153 is a layer labeled 122. At the bottom, there are four distinct regions labeled 142, 143, 141, and 144. Other labels include 104, 148, and 147, which point to specific features or layers within the structure.



FIG. 24

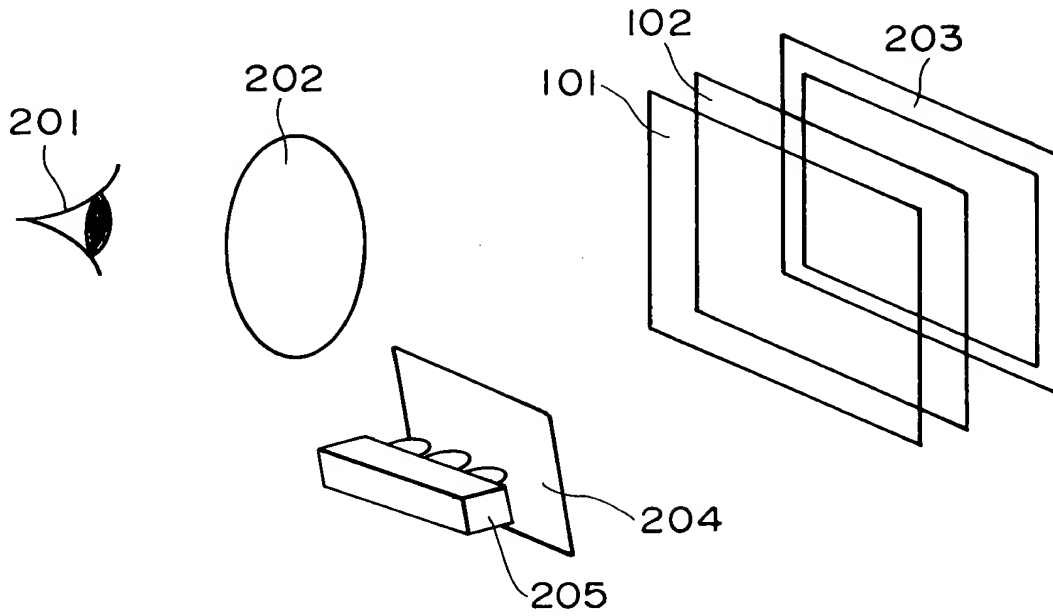


FIG. 25

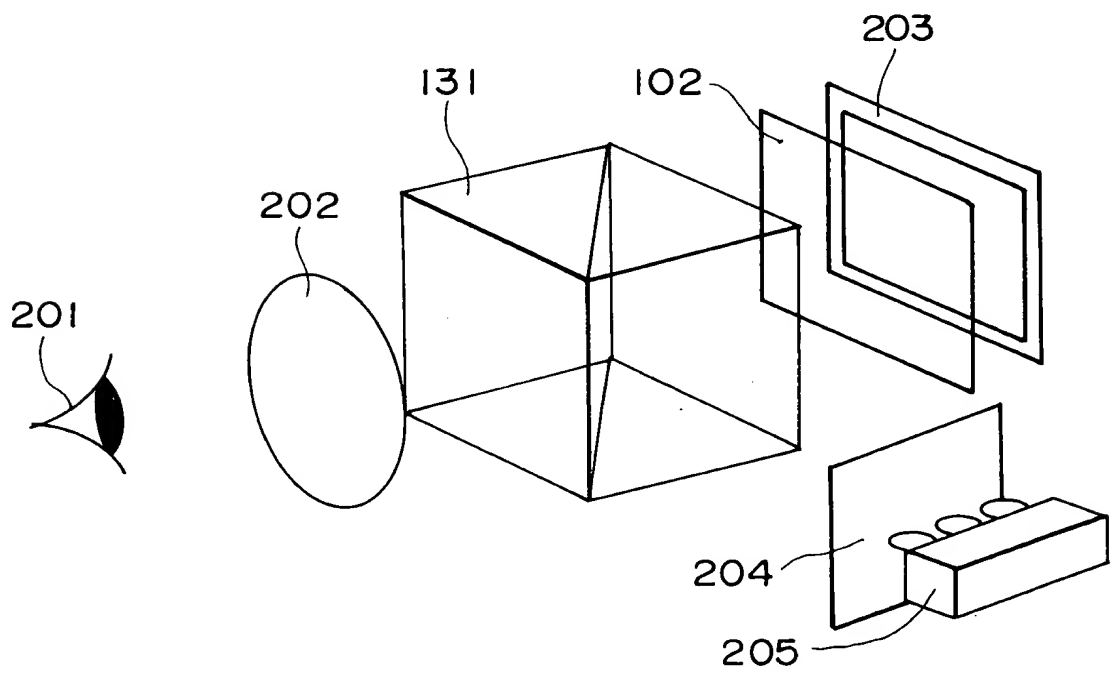
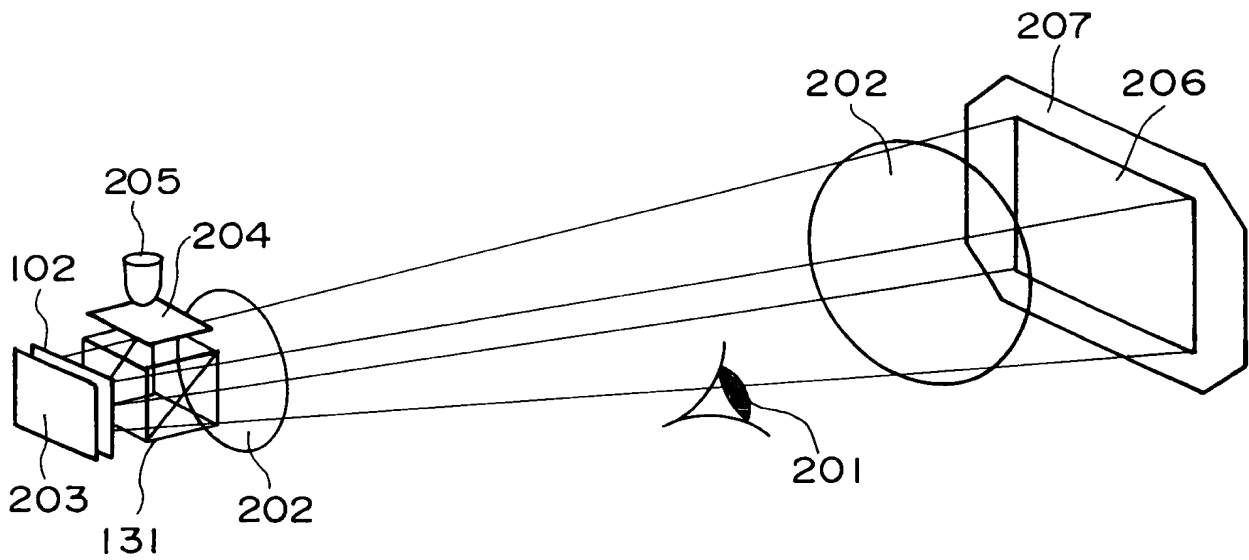


FIG. 26



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# FIG. 27

RETARDATION OF LIQUID CRYSTAL LAYER[nm]	TWIST ANGLE [degree]	LIQUID CRYSTAL ORIENTATION ANGLE [degree]	PHASE PLATE AZIMUTH ANGLE [degree]	PHASE PLATE RETARDATION [nm]	CONTRAST RATIO
200	40	-22	71	334	374
200	45	-19	74	332	794
200	50	-17	77	328	559
200	55	-16	80	320	205
250	40	-29	70	385	297
250	45	-27	73	383	527
250	50	-26	76	379	462
250	55	-24	78	370	244
275	40	-31	70	409	330
275	45	-29	73	406	413
275	50	-28	76	401	241
275	55	-28	81	410	65
300	40	-32	71	433	316
300	45	-31	75	430	222
300	50	-30	78	423	106
310	40	-32	72	445	262
310	45	-31	75	441	163
310	50	-30	79	434	79
320	40	-32	72	458	194
320	45	-31	76	456	122
320	50	-30	80	450	62
330	40	-32	72	476	116
330	45	-31	76	477	88
330	50	-30	80	477	52

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# FIG. 28

RETARDATION OF LIQUID CRYSTAL LAYER[nm]	TWIST ANGLE [degree]	PHASE PLATE AZIMUTH ANGLE [degree]	PHASE PLATE RETARDATION [nm]	CONTRAST RATIO
200	50	52	154	6
200	55	50	144	9
200	60	48	137	13
200	65	44	133	15
250	50	58	140	14
250	55	55	122	35
250	60	51	108	41
250	65	46	101	21
300	50	65	145	25
300	55	63	118	60
300	60	59	91	23
300	65	50	73	10
350	50	70	173	29
350	55	71	146	113
350	60	70	109	22
350	65	66	70	5
400	50	71	216	20
400	55	73	196	67
400	60	74	162	185
400	65	75	110	10
450	50	70	255	19
450	55	72	250	35
450	60	74	242	49
450	65	75	220	66

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